FIXED HEIGHT STAIRS FRS III®

8031

NIJL Aircraft Docking
Punterweg 4
8042 PB Zwolle
The Netherlands

T +31 382 028 020
E info@nijlgroup.com

www.**aircraftdocking**.com

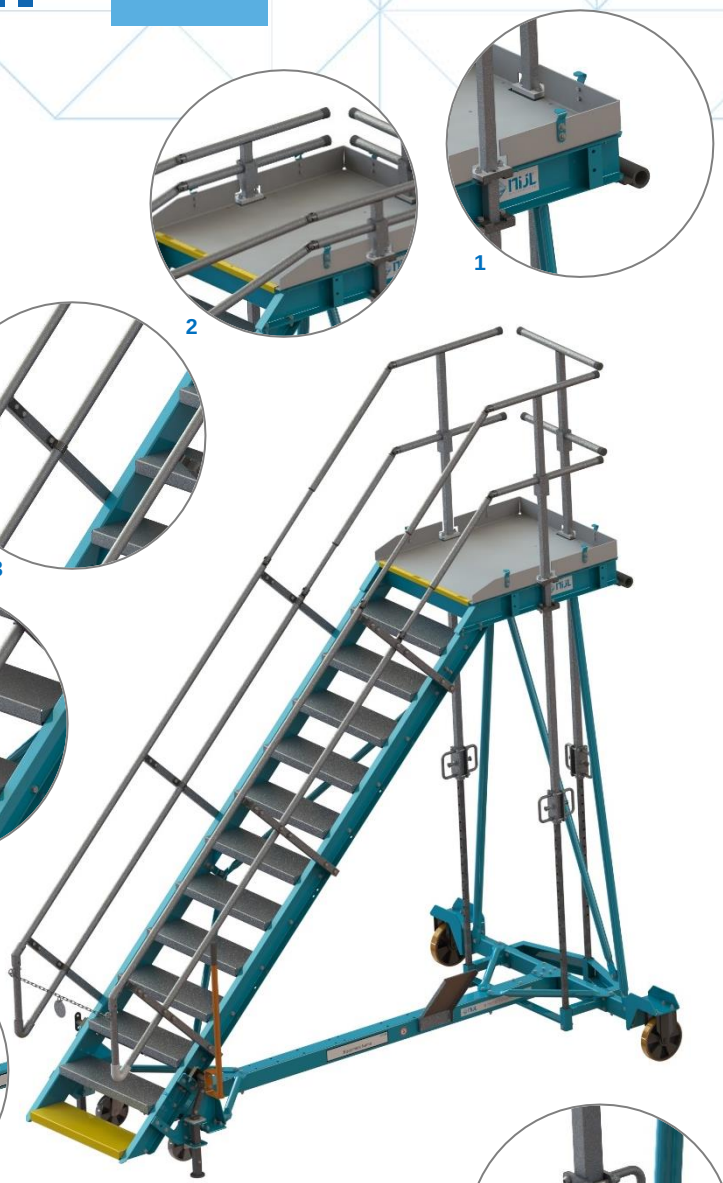
FRS V1 4-3-2021

NIJL® aircraftdocking

FIXED HEIGHT STAIRS FRS III® 8031

Key Benefits

+ Design according to NEN-EN-ISO-14122
+ Unique flexible railing system (FRS) for fast access to areas with limited space
+ Quick jacking device with single lever
+ Robust and stable design
+ Lightweight because of optimal mix of steel and aluminium
+ Easy to manoeuvre
+ Available in different heights
+ Modular design configurable to customer needs



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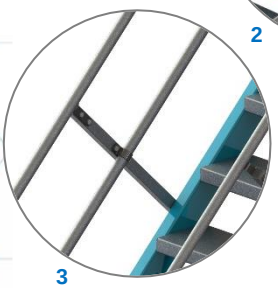

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Baseline specifications

1 Black non-staining rubber protection

2 Non-skid aluminium flooring

3 Aluminium handrail and guardrail

4 Non-skid aluminium steps

5 Quick jacking device with single lever

6 Labels and signage

7 Polyurethane castor wheels

8 Flexible railing system (FRS III®)

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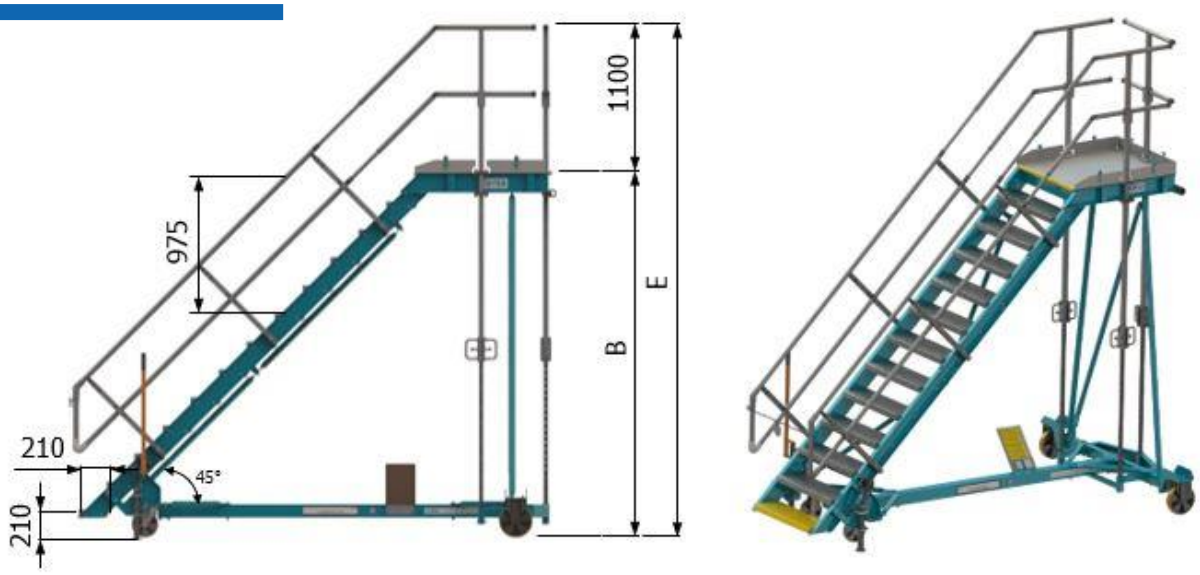
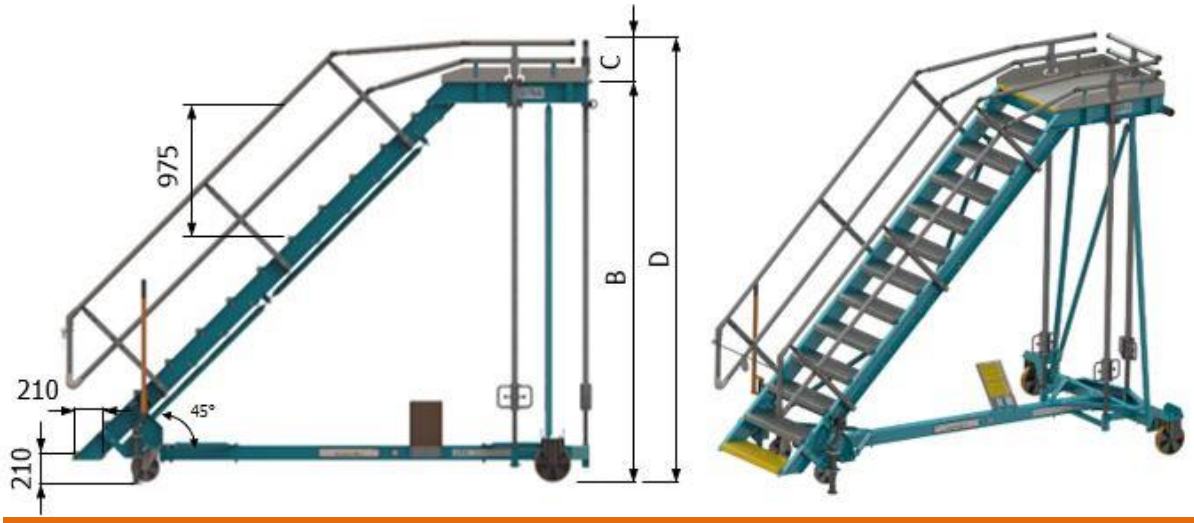
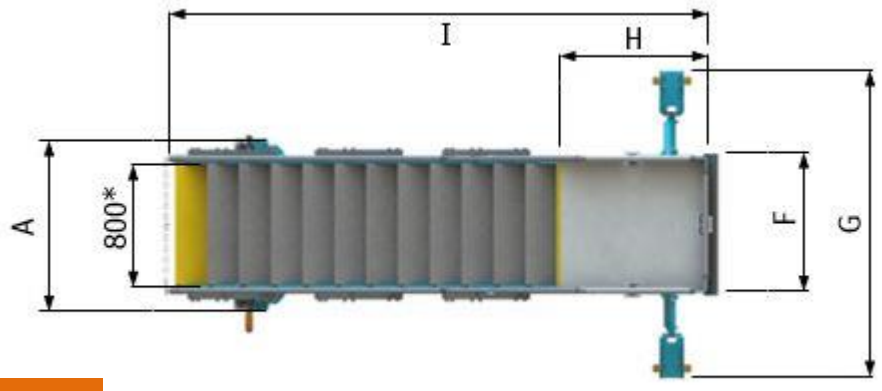
VIEW



Side, railing position high



Side, railing position low



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**Dimensions subject to selected options*

DIMENSIONS AND FOOTPRINT

BASELINE STAIRS	A	B	C	D	E	F	G	H	I	Approx Weight kg
8031-FRS07T800	1135	1470	220	1690	2570	1020	2020	1000	2260	300
8031-FRS08T800	1135	1680	220	1900	2780	1020	2020	1000	2470	300
8031-FRS09T800	1135	1890	220	2110	2990	1020	2020	1000	2680	325
8031-FRS10T800	1135	2100	220	2320	3200	1020	2020	1000	2890	350
8031-FRS11T800	1135	2310	220	2530	3410	1020	2020	1000	3100	350
8031-FRS12T800	1135	2520	220	2740	3620	1020	2020	1000	3310	375
8031-FRS13T800	1830	2730	220	2950	3830	1020	2820	1000	3520	375
8031-FRS14T800	1830	2940	220	3160	4040	1020	2820	1000	3730	450
8031-FRS15T800	1830	3150	220	3370	4250	1020	2820	1000	3940	450
8031-FRS16T800	1830	3360	220	3580	4460	1020	2820	1000	4150	475
8031-FRS17T800	1830	3570	220	3790	4670	1020	2820	1000	4360	500
8031-FRS18T800	1830	3780	220	4000	4880	1020	2820	1000	4570	525
8031-FRS19T800	1830	3990	220	4210	5090	1020	2820	1000	4780	525
8031-FRS20T800 *	1830	4200	220	4420	5300	1020	2820	1000	4990	550
8031-FRS21T800 *	1830	4410	220	4630	5510	1020	2820	1000	5200	550
8031-FRS22T800 *	1830	4620	220	4840	5720	1020	2820	1000	5410	575
8031-FRS23T800 *	1830	4830	220	5050	5930	1020	2820	1000	5620	600
8031-FRS24T800 *	1830	5040	220	5260	6140	1020	2820	1000	5830	625

**Deviation from applicable standard*

SPECIFICATIONS

GENERAL	
In- outdoor usage	Indoor (hangar) and Outdoor (apron) usage
Movability	Movable by 1 - 2 person(s)
Signage	Labels and signage
Standards *	NEN-EN-ISO-14122 (2016)
Type NIJL	FRS III®
MATERIAL	
Corrosion protection	Paint system C3 RAL 5012 / RAL 5017 *Optional: other colours or hot dipped galvanized*
Main construction	Steel
Hand railing	Aluminium
Padding	Black non-staining rubber protection
Platform flooring	Aluminium, non-skid checker plate | *Optional: other flooring*
Steps	Aluminium, non-skid (first and last step: RAL 1023 yellow)
Wheels	Low Speed polyurethane wheels max. 5 km/h | *Optional: High Speed*
TECHNICAL	
Platform height (fixed)	See table
Handrail and guardrail height	Adjustable on the platform, railing according to standards
Inclination	45 degrees
Max. load	1 person per step and max. 250 kg on the entire stair/platform
Number of steps	See table
Platform dimensions (WxD)	See table | *Optional: Other dimensions*
Step width	800mm standard | *Optional: Other widths*
Weight	See table
Stairs available in various configurations. Please consult NIJL for exact specifications and clarifications	

Flexible Railing System in different positions

OPTIONS GENERAL

Step Width Variants

+ Step width variants: 600 or 1000 mm (standard: 800 mm)

Platform Flooring

+ Aluminium perforated plate or marine plywood with anti-skid surface (standard: aluminium checker plate)

Corrosion Protection

+ Paint system C3 colour on customer request or hot dipped galvanized steel frame (standard: RAL5012 / RAL5017)

Safety Protection and Visibility Package

+ Additional non-staining rubber protection
+ Reflector and high visibility markings
+ Striking colour on hand railing and/or guard railing (standard: orange RAL2004 for movable parts)

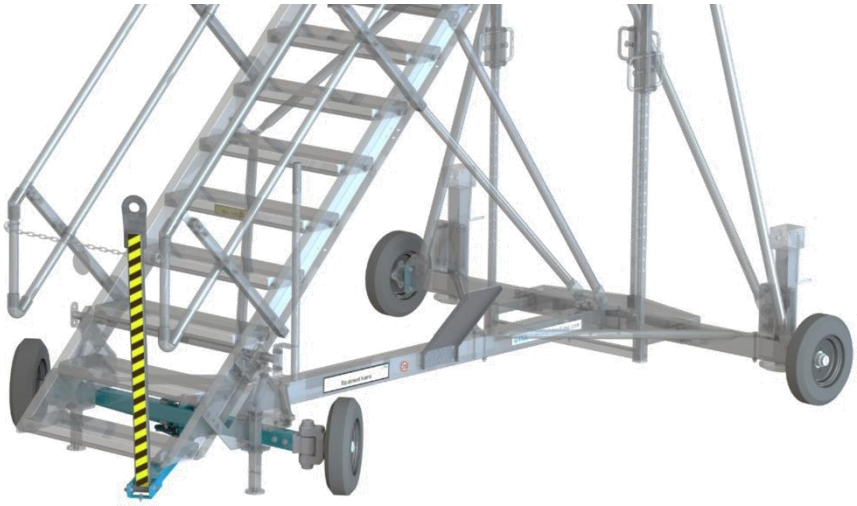
OPTIONS MOBILITY

Low Speed Towbar Package

+ Galvanized steel
+ Yellow/black markings
+ Secured storage
+ Additional labels and signage
+ Max 5 km/h

High Speed Wheel Set Package

+ Full rubber wheels
+ Integrated towbar
+ Storage position next to staircase
+ Additional labels and signage
+ Allowable speed 15 - 25 km/h
  (depending on stair configuration)



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